**AÉåÇ lÉqÉÈ mÉUqÉÉiqÉlÉå, ´ÉÏ qÉWûÉaÉhÉmÉiÉrÉå lÉqÉÈ,**

**´ÉÏ aÉÑÂprÉÉå lÉqÉÈ | Wû–ËU–È AÉåÇ ||**

**M×üwhÉ rÉeÉÑuÉåïSÏrÉ iÉæÌ¨ÉUÏrÉ xÉÇÌWûiÉÉ-**

**bÉlÉmÉÉPûÈ (mÉS xÉÌWûiÉ)**

**Ì²iÉÏrÉMüÉhQåû Ì²iÉÏrÉÈ mÉëzlÉ:**

**Version Notes:**

**This is the first initial Pilot Draft Version 0.0 dated 28th Feb 2022.**

1. Notify your corrections / suggestions etc to our email id [vedavms@gmail.com](mailto:vedavms@gmail.com)

**ACKNOWLEDGEMENT:**

We thank **Mr. V.Raja of Veda Geetha Foundation, San Diego, USA** for his tremendous contribution in developing a program to automatically generate Ghanam and Jatai from Padams, applying all necessary rules and to mark swaras at proper places in Ghanam and Jatai Vaakyams. He has been our active member from the year 2019.

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**Introduction Notes:**

1. This book has been brought with the collaboration of select members who are interested in creation of a reference books for JatA/Ghana and the efforts of two Information Technology Professionals from USA, who are also Veda learners. One of them helped us with “proof of concept” that a highly automated Jatai and Ghanam Generation is possible and the other professional helped us with implementation.
2. This book shall be used by genuine students learning JatA/Ghana PATham under a qualified Guru for reference only.
3. No direct recital shall be made from the Book for any type of JatA/Ghana PaaraayaNa. Householders/Students interested in following the PaaraayaNa may use this book for just following.
4. We intend to make only sample JatA/Ghana documents of sample Prasnas in Sanskrit, Tamil and Malayalam languages.
5. This Pilot project can be only taken on full scale only if qualified Gurus and Students with formal learning in JatA/Ghana paatams volunteer to help us or formation of a distinct project group.

**Process followed in creating the Book:**

1. The Padams after proper verification have been listed in the proper order in the input file.
2. The Jata paaraayaNam as in Tirumala Tirupati Devasthaanam (TTD) channel which was telecast from July 2020 to Dec 2020 was heard once to give the processing rules for padams as applicable.
3. The Ghana paaraayaNam as available in archive.org was heard once to verify the rules above subject to changes in Ghanam construction.
4. The input file is verified that the number of Padams at Panchaati, anuvAkam and PraSna level is given correctly with counts at various levels and also with the output control statistics developed by the program.
5. The output Jata and Ghana vAkyams are verified once again with the Jata rendering in TTD Channel. Corrections are incorporated at appropriate stages in the Process.
6. Then the Baraha coding generated in the output Jata and Ghana files are converted into Sanskrit, Malayalam and Tamil languages with proper formatting and verified once more to ensure accuracy of conversion.

**Some key facts & observations:**

1. We have tried to refer to SIkSha materials like PratiSakyam (PS), JatA MaNi (JM), JatA DarpaNam (JD), Ghana DarpaNam (GD) and Ghana Sandhi (GS).
2. The materials refer to multiple SIksha source like vyAsa Siksha, Bodhayana Siksha, harita Siksha and the great sholars have matched the best combination to come out with their Paddhatis. The materials also document that there has been specific application of Rules followed by the learned scholars in their Paddhatis. Therefore, students must of be aware of these differences or pATha bhedams and follow the method taught by their Gurus.
3. We find therefore minor differences in our output, based on TTD, when compared with Ghana Sandhi or other sources.
4. We have tried to **indicate the differences**, in the documents but **this is not exhaustive**.
5. We require input from Students/Gurus to indicate pATha bhedams, if they follow a different school or approach.

**Standards and Conventions of this Book:**

This book follows all standard conventions followed in other books published earlier by VedaVMS. However, (gm) and (gg) are represented as **(aqÉç) and (aaÉç)** respectively.

**Many a place, the book does not give Padam/words as it is to be directly read.** **The learner must use the right Sandhi, give proper pauses and follow other rules to read and recite properly.**

**pATha bedhams are indicated in brackets below the respective jata and ghana vAkyams.**

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**AÉåÇ lÉqÉÈ mÉUqÉÉiqÉlÉå, ´ÉÏ qÉWûÉaÉhÉmÉiÉrÉå lÉqÉÈ, ´ÉÏ aÉÑÂprÉÉå lÉqÉÈ**

**Wû**–**ËU**–**ÈAÉåÇ**

# M×üwhÉ rÉeÉÑuÉåïSÏrÉ iÉæÌ¨ÉUÏrÉ xÉÇÌWûiÉÉ bÉlÉmÉÉPå Ì²iÉÏrÉÇ MüÉhQÇ

## Ì²iÉÏrÉMüÉhQå Ì²iÉÏrÉÈ mÉëzlÉÈ - CÌ¹ÌuÉkÉÉlÉÇ

### AlÉÑuÉÉMüqÉç 1 - bÉlÉqÉç